SEQUENCE LISTING

```
<110> RAJAGOPAL, RAMESH
      MHASHILKAR, ABNER
      SCHROCK, BOB
      CHADA, SUNIL
      GRIMM, ELIZABETH
<120> METHODS OF TREATMENT INVOLVING HUMAN MDA-7
<130> INGN:097US
<140> UNKNOWN
<141> 2001-12-07
<150> 60/254,226
<151> 2000-12-07
<170> 2
<180> PatentIn Ver. 2.0
<210> 1
<211> 718
<212> DNA
<213> Human
<400> 1
acaagacatg actgtgatga ggagctgctt tcgccaattt aacaccaaga agaattgagg 60
ctgcttggga ggaaggccag gaggaacacg agactgagag atgaattttc aacagaggct 120
gcaaagcctg tggactttag ccagaccctt ctgccctcct ttgctggcga cagcctctca 180
aatgcagatg gttgtgctcc cttgcctggg ttttaccctg cttctctgga gccaggtatc 240
aggggccag ggccaagaat tccactttgg gccctgccaa gtgaaggggg ttgttcccca 300
gaaactgtgg gaagccttct gggctgtgaa agacactatg caagctcagg ataacatcac 360
gagtgcccgg ctgctgcagc aggaggttct gcagaacgtc tcggatgctg agagctgtta 420
cettgtecac accetgetgg agttetactt gaaaactgtt tteaaaaact accaeaatag 480
aacagttgaa gtcaggactc tgaagtcatt ctctactctg gccaacaact ttgttctcat 540
cgtqtcacaa ctqcaaccca qtcaaqaaaa tqaqatqttt tccatcaqaq acaqtqcaca 600
caggoggttt ctgctattcc ggagagcatt caaacagttg gacgtagaag cagctctgac 660
caaagccctt ggggaagtgg acattcttct gacctggatg cagaaattct acaagctc
<210> 2
<211> 206
<212> PRT
```

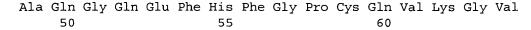
<213> Human

<400> 2

Met Asn Phe Gln Gln Arg Leu Gln Ser Leu Trp Thr Leu Ala Arg Pro 1 5 10 15

Phe Cys Pro Pro Leu Leu Ala Thr Ala Ser Gln Met Gln Met Val Val 20 25

Leu Pro Cys Leu Gly Phe Thr Leu Leu Trp Ser Gln Val Ser Gly . 40 45



Val Pro Gln Lys Leu Trp Glu Ala Phe Trp Ala Val Lys Asp Thr Met 65 70 75 80

Gln Ala Gln Asp Asn Ile Thr Ser Ala Arg Leu Leu Gln Gln Glu Val 85 90 95

Leu Gln Asn Val Ser Asp Ala Glu Ser Cys Tyr Leu Val His Thr Leu 100 105 110

Leu Glu Phe Tyr Leu Lys Thr Val Phe Lys Asn Tyr His Asn Arg Thr 115 120 125

Val Glu Val Arg Thr Leu Lys Ser Phe Ser Thr Leu Ala Asn Asn Phe 130 135 140

Val Leu Ile Val Ser Gln Leu Gln Pro Ser Gln Glu Asn Glu Met Phe 145 150 155 160

Ser Ile Arg Asp Ser Ala His Arg Arg Phe Leu Leu Phe Arg Arg Ala 165 170 175

Phe Lys Gln Leu Asp Val Glu Ala Ala Leu Thr Lys Ala Leu Gly Glu
180 185 190

Val Asp Ile Leu Leu Thr Trp Met Gln Lys Phe Tyr Lys Leu
195 200 205